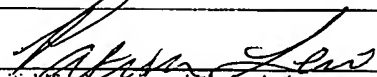


<b>FORM PTO-1449A</b>		Attorney Docket: 4874-7001		Serial No.: 10/567,113		
<b>INFORMATION DISCLOSURE CITATION</b>		Applicant: ZHILOV, et al.				
		Filing Date: August 4, 2003		Group Art Unit: 1752		
<b>U.S. PATENT / PUBLICATION DOCUMENTS</b>						
<b>Examiner Initial</b>		<b>Patent/Publication Number</b>	<b>Publication/Issue Date</b>	<b>Name</b>	<b>Filing Date</b>	
	1.					
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<b>FOREIGN PATENT DOCUMENTS</b>						
<b>Examiner Initial</b>		<b>Patent Number</b>	<b>Publication Date</b>	<b>Country</b>	<b>Copy Filed</b>	<b>Translation</b>
PL	15.	EP0612733 A1	08/31/1994	EP	<input checked="" type="checkbox"/> Yes	N/A
↓	16.	EP0617024 A1	02/12/1994	EP	<input checked="" type="checkbox"/> Yes	N/A
↓	17.	EP1203587 A1	05/08/2002	EP	<input checked="" type="checkbox"/> Yes	N/A
↓	18.	JP50046697	04/25/1975	JP	<input checked="" type="checkbox"/> Yes	Abstract
↓	19.	RU2169139	06/20/2001	RU	<input checked="" type="checkbox"/> Yes	Abstract
PL	20.	WO 02/09681 A2	02/07/2002	WIPO	<input checked="" type="checkbox"/> Yes	N/A

Examiner 	Date Considered 12-28-07
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<b>FORM PTO-1449A</b>  <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 4874-7000	Serial No.: 10/567,113
	Applicant: ZHILOV, et al.	
	Filing Date: August 4, 2003	Group Art Unit: T/B/A

## U.S. PATENT PUBLICATION DOCUMENTS

Examiner Initial		Patent/Publication Number	Publication/Issue Date	Name	Filing Date
	1.				
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## FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Copy Filed	Translation
<i>AL</i>	15.	2014077 C1	06-15-1994	Russia	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	16.				<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	17.				<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	18.				<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	19.				<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	20.				<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No

Examiner <i>Patricia Lewis</i>	Date Considered <i>12-28-07</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

<b>FORM PTO-1449B</b>  <b>INFORMATION DISCLOSURE</b> <b>CITATION</b>		Attorney Docket:	Serial No.:
		4874-7001	10/567,113
		Applicant:	
		ZHILOV, et al.	
		Filing Date:	Group Art Unit:
		August 4, 2003	T/B/A
<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
PK	1.	Trump B.F., Berezesky I.K. "The role of altered [Ca <sup>2+</sup> ] in regulation in apoptosis, oncosis and necrosis". Biochem. Biophys. Acta, 1996, v. 1313, p. 173-178.	
	2.	Roos A., Boron W.F. "Intracellular pH". Physiol. Rev., 1981, v. 61, p. 296-434.	
	3.	Akotov V.S., Grobova M.E., Rkshevoi Yu.V. "Intracellular pH and substrate dependence of proliferation of fibroblasts of Chinese hamster". Cytology, 1991, 33 (7), p. 86-94.	
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	6.	Kapus A., Romanek R., Qu A.Y., Rotstein O.O., Grinstein S.A. "pH-sensitive and voltage-dependent proton conductance in the plasma membrane of macrofages". J. Gen. Physiol., 1993, vol. 02 (4), p. 723-760.	
	7.	Demaurex N., Downey G., Waddell T., Grinstein S. "Intracellular pH regulator during spreading of human neutrophils", J.Cell. Biol., 1996, v. 133, p. 1381-1402.	
	8.	Tannock I.A., Rotin D. "Acid pH in tumors and its potential for therapeutic exploration". Cancer Res., 1989, v.49, p. 4373-4384.	
	9.	Stabbs M., Rodrigues L., Howl F.A., Wang I., Joeng K.S., Veech R.L., Griffiths J.R. "Metabolic consequences of a reversed pH gradient in rat tumors". Cancer Res., 1994, v.54, p. 4011-4016.	
	10.	Mashkovsky M.D., "Medicinal Agents". Moscow, Medicine, 1993, part II, p. 137-140.	
	PK	11.	Taguchi Hiroshi. "A new fluorometric assay method for guinolinic acid". Analitic Biochemistry, 1983, 131 (1), p. 194-197

Examiner Signature		Date Considered	12-28-07
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Applicant: ZHILOV, et al.	
		Filing Date: August 4, 2003	Group Art Unit: T/B/A
<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
<i>PL</i> 1 ↓ <i>PL</i>	12.	Huntress E.H., Stanley L.N., Parker A.S. "The preparation of 3-Aminophtalhydrazide for use in the Demonstration of Chemiluminescence", J, Am. Chem. Soc., 1994, v. 56, p. 241-242.	
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19.	Rogachev B., Hausmann M.J., Julzari R., Weiler H., Holmes C., Falct D., Chaimovitz C., Douvdevani A. "Effect of bicarbonat-based dialysis solution on intracellular pH (pH <sub>i</sub> ) and TNF-alpha production by peritoneal macrophages, Perit. Dial. Int., 1997, Nov-Dec, 17 (6), p. 543-553.		

Examiner Signature	<i>David Lewis</i>	Date Considered	<i>2-28-07</i>
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		Filing Date: August 4, 2003	Group Art Unit: T/B/A
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PL	20.	Bidani A., Heming T.A. "Effect of concanavalin A on Na <sup>+</sup> -dependent and Na <sup>+</sup> -independent mechanism for H <sup>+</sup> extrusion in alveolar macrophages", Lung., 1998, 176 (1), p. 25-31.	
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PL	26.	Zhu W.-H., Loh T.-T. "Effects of Na <sup>+</sup> /H <sup>+</sup> antiport and intracellular pH in the regulation of HL-60 cell apoptosis", Biochim. Biophys. Acta, 1995, v. 1269, p. 122-128.	
Examiner Signature	Date Considered		
			12-28-07

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		Applicant: ZHILOV, et al.	
		Filing Date: August 4, 2003	Group Art Unit: T/B/A
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RL	27.	Brenton P.D. "Mechanistic Aspect of Diazaquinone Chemiluminescence", Aust. J. Chem., 1984, v. 37, p. 1001-1008.	
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RL	36.	Vizi E.S., "Role of high-affinity receptors and membrane transporters in nonsynaptic	
Examiner Signature	Date Considered		

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<b>FORM PTO-1449B</b>  <b>INFORMATION DISCLOSURE</b> <b>CITATION</b>		Attorney Docket: 4874-7001	Serial No.: 10/567,113
		Applicant: ZHILOV, et al.	
		Filing Date: August 4, 2003	Group Art Unit: T/B/A
<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		communication and drug action in the central nervous system," Pharmacol. Rev., 2000, Mar., 52 (1): 63-89.	
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Examiner Signature			Date Considered 12-28-07

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		Applicant: ZHILOV, et al.	
		Filing Date: August 4, 2003	Group Art Unit: T/B/A
<b>NON PATENT LITERATURE DOCUMENTS</b>			
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	46.	Missale C., Nash S.R., Robinson S.W., Jaber M., Caron M.G., "Dopamine receptors: from structure to function", <i>Physiol. Rev.</i> , 1998, Jan., 78 (1): 189-225.	
	47.	Zawilska J.B. "Dopamine receptors-structure, characterization and function", <i>Postepy, Hig. Med. Dosw.</i> , 2003, 57 (3): 293-322.	
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Examiner Signature			Date Considered 12-28-07

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PL	56.	Kapur S., Mamo D. "Half a century of antipsychotics and still a central role for dopamine D2 receptors", Prog. Neuropsychopharmacol. Biol. Psychiatry, 2003, Oct., 27 (7): 1081-90.
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Examiner Signature	<i>[Signature]</i>	Date Considered	12-28-07
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\*EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

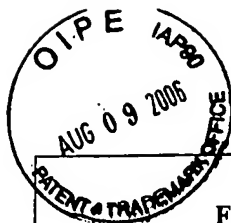
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<b>FORM PTO-1449B</b>  <b>INFORMATION DISCLOSURE</b> <b>CITATION</b>		Attorney Docket: 4874-7001	Serial No.: 10/567,113
		Applicant: ZHILOV, et al.	
		Filing Date: August 4, 2003	Group Art Unit: T/B/A
<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
<i>PK</i>		p.19-38.	
<i>1</i>	65.	Rahman S., Ali Khan R., Kumar A. "Experimental study of the morphine de-addiction properties of Delphinium denudatum" Wall, BMC Complement Altern. Med., 2002, V.29, p.1-6.	
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Examiner Signature	<i>Patricia Lewis</i>	Date Considered	<i>12-28-07</i>
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<b>FORM PTO-1449A</b> <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 4874-7001	Serial No. 10/567,113
	Applicant: Zhilov et al.	
	Filing Date: August 3, 2004	Group Art Unit: Unknown

**U.S. PATENT / PUBLICATION DOCUMENTS**

Examiner Initial		Patent/Publication Number	Publication/Issue Date	Name	Filing Date
<i>RL</i>	1.	5719151	02-1998	Shall et al.	
<i>↓</i>	2.	5753706	05-1998	Hsu	
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<i>RL</i>	6.	5256660	10-1993	Swan	
	7.				
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	14.				

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Country	Copy Filed	Translation
<i>RL</i>	15.	2 211 036	08-2003	Russia	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes (Abstract Only)
<i>↓</i>	16.	2 163 122	02-2001	Russia	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes (Abstract Only)
	17.	2 168 511	08-1998	Russia	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes (Abstract Only)
<i>↓</i>	18.	05-078356	03-1993	Japan	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes (Abstract Only)
<i>RL</i>	19.	2 185 173	07-2002	Russia	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes (Abstract Only)

Examiner <i>Patricia Lee</i>	Date Considered <i>12-28-07</i>
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<b>FORM PTO-1449A</b>  <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 4874-7001	National Stage of International Application No. PCT/RU2004/000298
Applicant: Zhilov et al.		
International Filing Date: August 3, 2004		Group Art Unit: Unassigned

**U.S. PATENT / PUBLICATION DOCUMENTS**

Examiner Initial	Patent/Publication Number	Publication/Issue Date	Name	Filing Date
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Examiner Initial		Patent Number	Publication Date	Country	Copy Filed	Translation
PL ↓ ↓ ↓ ↓ PL	15.	1 203 587 A	05-2002	Europe	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	16.	2 169 139 C	06-2001	Russia	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes (Abstract Only)
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	19.	02/09681 A	02-2002	WIPO	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> Yes <input type="checkbox"/> No
	20.	50 046697 A	04-1975	Japan	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes (Abstract Only)

Examiner:	Date Considered: <u>12-28-07</u>
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